Department of Employment and Training

S3808-1
5/17/89 A

Employment Review

FEBRUARY 1989

JOB LEVELS POST MINOR GAINS

The Commonwealth added 10,600 nonagricultural jobs in February 1989 from the level in the prior month. Statewide employment rose to 3,104,900. However, the growth in the number of jobs was only about half of the increase that took place between January and February one year ago.

- The Service division recorded the largest over the month increase in employment rising by 20,900 jobs in February. Much of this job growth occured in educational services with the end of semester break for both students and faculty. This division also displayed the greatest increase in jobs over the year, up by 38,500 representing over 75 percent of the total job growth from February 1988.

- Other divisions experiencing over the month growth were government and transportation, communication and public utilities. Finance, insurance, and real estate registered no change.

- Over the month employment declines were posted by trade, construction, and manufacturing. Manufacturing declined over the year, down 7,800.

UNEMPLOYMENT UP SLIGHTLY

The Commonwealth recorded a seasonally adjusted unemployment rate of 3.5 percent in February 1989, up slightly from 3.3 percent a month earlier, but still indicative of a strong labor market. Nationally, unemployment moved in the opposite direction, dropping to 5.1 percent from 5.4 percent in the prior month.

- With an unemployment rate of 3.5 percent, the Commonwealth ranked second among the eleven large states. North Carolina was first at 3.2 percent. The highest rates were experienced by Texas and Michigan at 7.1 percent and 6.9 percent respectively.

- The national rate was the lowest in nearly 15 years, and was at a level last seen in the seventies. This low rate in an indicator of an economy where the jobs are expanding.

- The lowest unemployment rate among the major labor market areas was the Boston PMSA at 3.2 percent, followed by the Worcester MSA and the Salem-Gloucester PMSA both at 3.5 percent.

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NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	FEB 1989	JAN 1989	FEB 1988	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3104.9	3094.3	3053.9	10.6	0.3	51.0	1.7
Manufacturing	579.4	581.2	587.2	-1.8	-0.3	-7.8	-1.3
Durable Goods	382.6	383.9	389.4	-1.3	-0.3	-6.8	-1.7
Lumber & Furniture	12.1	12.1	12.9	0.0	****	-0.8	-6.2
Stone,Clay & Glass	10.9	10.9	10.5	0.0	****	0.4	3.8
Primary Metals	15.6	15.5	15.6	0.1	0.6	0.0	****
Fabricated Metals	40.8	40.8	41.0	0.0	****	-0.2	-0.5
Cutlery,Hand tools,Hardware	8.4	8.4	9.1	0.0	****	-0.7	-7.7
Machinery, except electrical	100.3	100.8	100.3	-0.5	-0.5	0.0	****
Metalworking machinery	13.3	13.4	13.2	-0.1	-0.7	0.1	0.8
Special industry machinery	11.0	11.0	11.2	0.0	****	-0.2	-1.8
* Office Computing, & Accounting Machines	54.9	55.2	54.1	-0.3	-0.5	0.8	1.5
Electrical & Electronic machinery,equip.,etc.	99.5	100.3	103.6	-0.8	-0.8	-4.1	-4.0
Communications equipment	36.6	36.8	38.6	-0.2	-0.5	-2.0	-5.2
Electronic components	39.0	39.6	40.7	-0.6	-1.5	-1.7	-4.2
Transportation equipment	31.5	31.5	31.8	0.0	****	-0.3	-0.9
Instruments	53.0	53.3	54.4	-0.3	-0.6	-1.4	-2.6
Measuring & Control devices	20.7	21.0	20.2	-0.3	-1.4	0.5	2.5
Miscellaneous Manufacturing Industries	18.9	18.7	19.3	0.2	1.1	-0.4	-2.1
Jewelry	7.3	7.1	7.5	0.2	2.8	-0.2	-2.7
Nondurable Goods	196.8	197.3	197.8	-0.5	-0.3	-1.0	-0.5
Food & kindred products	20.9	21.2	21.1	-0.3	-1.4	-0.2	-0.9
Textile mill products	15.6	15.5	16.7	0.1	0.6	-1.1	-6.6
Apparel	23.5	23.4	24.3	0.1	0.4	-0.8	-3.3
Mens & Boys suits,coats & furnishings	6.2	6.2	6.5	0.0	****	-0.3	-4.6
Paper & allied products	25.0	25.3	24.6	-0.3	-1.2	0.4	1.6
Printing & Publishing	56.4	56.5	55.5	-0.1	-0.2	0.9	1.6
Chemicals	18.8	18.6	18.2	0.2	1.1	0.6	3.3
Rubber & miscellaneous Plastic products	27.0	27.0	27.3	0.0	****	-0.3	-1.1
Miscellaneous Plastic products	20.8	20.8	21.1	0.0	****	-0.3	-1.4
Leather & Leather products	8.3	8.5	8.7	-0.2	-2.4	-0.4	-4.6
Footwear, except rubber	3.8	3.9	4.2	-0.1	-2.6	-0.4	-9.5
Mining	1.2	1.4	1.4	-0.2	-14.3	-0.2	-14.3
Construction	130.1	134.3	124.6	-4.2	-3.1	5.5	4.4
Transportation, Communication & Public Utilities	134.6	134.3	132.3	0.3	0.2	2.3	1.7
Wholesale & Retail trade	717.8	724.5	712.8	-6.7	-0.9	5.0	0.7
Wholesale Trade	179.8	180.0	174.0	-0.2	-0.1	5.8	3.3
Retail Trade	538.0	544.5	538.8	-6.5	-1.2	-0.8	-0.1
Finance, Insurance & Real Estate	227.3	227.3	220.0	0.0	****	7.3	3.3
Banking	65.0	65.5	64.5	-0.5	-0.8	0.5	0.8
Services	906.4	885.5	867.9	20.9	2.4	38.5	4.4
Health Services	252.8	252.3	246.7	0.5	0.2	6.1	2.5
Educational Services	122.3	105.1	120.3	17.2	16.4	2.0	1.7
Government	408.1	405.8	407.7	2.3	0.6	0.4	0.1
Federal	62.7	62.1	62.8	0.6	1.0	-0.1	-0.2
U.S. Postal Service	27.3	27.5	26.8	-0.2	-0.7	0.5	1.9
State	101.3	100.4	102.2	0.9	0.9	-0.9	-0.9
Educational services	23.5	22.7	26.9	0.8	3.5	-3.4	-12.6
Local	244.1	243.3	242.7	0.8	0.3	1.4	0.6
Educational services	140.3	139.0	139.2	1.3	0.9	1.1	0.8
Other Local	103.8	104.3	103.5	-0.5	-0.5	0.3	0.3
* High Technology Manufacturing	232.3	233.7	237.6	-1.4	-0.6	-5.3	-2.2
* High Technology Nonmanufacturing	91.2	90.6	87.7	0.6	0.7	3.5	4.0

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	FEB 1989	JAN 1989	FEB 1988	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1754.0	1746.0	1718.6	8.0	0.5	35.4	2.1
Manufacturing	267.2	268.2	270.3	-1.0	-0.4	-3.1	-1.1
Durable Goods	189.9	190.8	193.2	-0.9	-0.5	-3.3	-1.7
Primary Metals	3.2	3.2	3.2	0.0	****	0.0	****
Fabricated Metals	15.3	15.3	15.7	0.0	****	-0.4	-2.5
Machinery, except electrical	44.8	45.0	46.2	-0.2	-0.4	-1.4	-3.0
Electrical & Electronic machinery,equip.,etc.	56.1	56.3	57.9	-0.2	-0.4	-1.8	-3.1
Transportation equipment	19.8	19.8	18.9	0.0	****	0.9	4.8
Instruments	39.4	39.8	40.0	-0.4	-1.0	-0.6	-1.5
Nondurable Goods	77.3	77.4	77.1	-0.1	-0.1	0.2	0.3
Food & kindred products	10.9	11.0	10.7	-0.1	-0.9	0.2	1.9
Textile mill products	1.9	2.0	2.3	-0.1	-5.0	-0.4	-17.4
Apparel	5.6	5.7	6.2	-0.1	-1.8	-0.6	-9.7
Paper & allied products	6.7	6.7	6.7	0.0	****	0.0	****
Printing & Publishing	34.2	34.1	32.9	0.1	0.3	1.3	4.0
Chemicals	8.0	7.9	7.9	0.1	1.3	0.1	1.3
Rubber & miscellaneous Plastic products	7.2	7.2	7.4	0.0	****	-0.2	-2.7
Leather & Leather products	2.2	2.2	2.4	0.0	****	-0.2	-8.3
Mining	0.9	0.9	C	0.0	****	0.1	12.5
Construction	66.9	68.6	64.0	-1.7	-2.5	2.9	4.5
Transportation, Communication & Public Utilities	76.6	76.3	75.5	0.3	0.4	1.1	1.5
Wholesale & Retail trade	385.4	391.3	385.7	-5.9	-1.5	-0.3	-0.1
Finance, Insurance & Real Estate	156.1	156.5	151.3	-0.4	-0.3	4.8	3.2
Banking	43.8	44.1	43.1	-0.3	-0.7	0.7	1.6
Insurance	34.5	34.5	35.2	0.0	****	-0.7	-2.0
Services	591.6	575.0	565.8	16.6	2.9	25.8	4.6
Health Services	146.2	145.5	140.5	0.7	0.5	5.7	4.1
Educational Services	91.9	79.2	91.7	12.7	16.0	0.2	0.2
Government	209.3	209.2	205.2	0.1	****	4.1	2.0
Federal	37.7	37.9	38.2	-0.2	-0.5	-0.5	-1.3
U.S. Postal Service	15.1	15.3	15.0	-0.2	-1.3	0.1	0.7
Federal Hospitals	5.0	5.0	5.0	0.0	****	0.0	****
State	50.0	51.3	50.3	-1.3	-2.5	-0.3	-0.6
State Hospitals	5.0	5.0	4.8	0.0	****	0.2	4.2
Educational services	8.6	8.4	8.4	0.2	2.4	0.2	2.4
Local	121.6	120.0	116.7	1.6	1.3	4.9	4.2

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	FEB 1989	JAN 1989	FEB 1988	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	240.7	240.1	238.6	0.6	0.2	2.1	0.9
Manufacturing	50.6	50.7	51.0	-0.1	-0.2	-0.4	-0.8
Durable Goods	25.5	25.6	25.7	-0.1	-0.4	-0.2	-0.8
Fabricated Metals	6.9	7.0	6.9	-0.1	-1.4	0.0	****
Machinery, except electrical	6.1	6.2	6.1	-0.1	-1.6	0.0	****
Nondurable Goods	25.1	25.1	25.3	0.0	****	-0.2	-0.8
Textile mill products	1.5	1.5	1.6	0.0	****	-0.1	-6.3
Apparel	0.9	0.9	1.0	0.0	****	-0.1	-10.0
Paper & allied products	8.2	8.3	7.9	-0.1	-1.2	0.3	3.8
Printing & Publishing	6.5	6.5	6.6	0.0	****	-0.1	-1.5
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	9.5	9.8	8.6	-0.3	-3.1	0.9	10.5
Transportation, Communication & Public Utilities	10.3	10.2	9.7	0.1	1.0	0.6	6.2
Wholesale & Retail trade	56.7	57.4	56.1	-0.7	-1.2	0.6	1.1
Finance, Insurance & Real Estate	15.4	15.4	15.8	0.0	****	-0.4	-2.5
Services	59.6	58.1	57.9	1.5	2.6	1.7	2.9
Government	38.5	38.4	39.4	0.1	0.3	-0.9	-2.3
Federal	6.1	6.2	6.1	-0.1	-1.6	0.0	****
State	8.6	8.2	8.6	0.4	4.9	0.0	****
Local	23.8	24.0	24.7	-0.2	-0.8	-0.9	-3.6
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	212.1	210.6	203.2	1.5	0.7	8.9	4.4
Manufacturing	45.8	45.5	44.7	0.3	0.7	1.1	2.5
Durable Goods	30.3	30.1	29.5	0.2	0.7	0.8	2.7
Primary Metals	2.0	2.0	2.0	0.0	****	0.0	****
Fabricated Metals	7.4	7.3	6.9	0.1	1.4	0.5	7.2
Machinery, except electrical	9.9	9.9	9.9	0.0	****	0.0	****
Nondurable Goods	15.5	15.4	15.2	0.1	0.6	0.3	2.0
Textile mill products	2.5	2.4	2.6	0.1	4.2	-0.1	-3.8
Leather & Leather products	0.6	0.6	0.7	0.0	****	-0.1	-14.3
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	9.6	10.1	8.9	-0.5	-5.0	0.7	7.9
Transportation, Communication & Public Utilities	9.6	9.6	9.3	0.0	****	0.3	3.2
Wholesale & Retail trade	51.3	51.9	49.2	-0.6	-1.2	2.1	4.3
Finance, Insurance & Real Estate	14.9	14.8	14.2	0.1	0.7	0.7	4.9
Services	55.4	53.7	51.7	1.7	3.2	3.7	7.2
Government	25.4	24.9	25.1	0.5	2.0	0.3	1.2

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	FEB 1989	JAN 1989	JAN 1988	#	%	#	%
BROCKTON PMSA							
NONAGRICULTURAL EMPLOYMENT	74.3	74.1	72.4	0.2	0.3	1.9	2.6
Manufacturing	11.2	11.1	11.0	0.1	0.9	0.2	1.8
Durable Goods	6.2	6.3	6.0	-0.1	-1.6	0.2	3.3
Electrical & Electronic machinery,equip.,etc.	1.3	1.3	1.2	0.0	****	0.1	8.3
Nondurable Goods	5.0	4.8	5.0	0.2	4.2	0.0	****
Construction	3.7	3.7	3.5	0.0	****	0.2	5.7
Transportation, Communication & Public Utilities	5.0	5.0	5.3	0.0	****	-0.3	-5.7
Wholesale & Retail trade	22.5	22.7	21.9	-0.2	-0.9	0.6	2.7
Finance, Insurance & Real Estate	3.4	3.4	3.2	0.0	****	0.2	6.3
Services	16.1	15.8	15.2	0.3	1.9	0.9	5.9
Government	12.4	12.4	12.3	0.0	****	0.1	0.8
Federal	3.3	3.3	3.0	0.0	****	0.3	10.0
State	2.8	2.7	2.7	0.1	3.7	0.1	3.7
Local	6.3	6.4	6.6	-0.1	-1.6	-0.3	-4.5
LAWRENCE - HAVERHILL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	164.4	163.8	162.1	0.6	0.4	2.3	1.4
Manufacturing	48.7	49.2	50.2	-0.5	-1.0	-1.5	-3.0
Durable Goods	34.3	34.5	36.1	-0.2	-0.6	-1.8	-5.0
Nondurable Goods	14.4	14.7	14.1	-0.3	-2.0	0.3	2.1
Leather & Leather products	1.7	1.9	1.8	-0.2	-10.5	-0.1	-5.6
Construction	7.3	7.3	7.3	0.0	****	0.0	****
Transportation, Communication & Public Utilities	7.1	7.0	6.7	0.1	1.4	0.4	6.0
Wholesale & Retail trade	36.8	37.3	35.7	-0.5	-1.3	1.1	3.1
Finance, Insurance & Real Estate	6.7	6.7	6.4	0.0	****	0.3	4.7
Services	35.4	34.8	34.3	0.6	1.7	1.1	3.2
Government	22.4	21.5	21.5	0.9	4.2	0.9	4.2

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	FEB 1989	JAN 1988	FEB 1988	#	%	#	%
***PITTSFIELD MSA**							
NONAGRICULTURAL EMPLOYMENT	41.6	41.7	41.3	-0.1	-0.2	0.3	0.7
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Manufacturing	10.8	10.8	11.2	0.0	****	-0.4	-3.6
Machinery	6.4	6.4	6.8	0.0	****	-0.4	-5.9
All other manufacturing	4.4	4.4	4.4	0.0	****	0.0	****
Construction	2.1	2.2	2.0	-0.1	-4.5	0.1	5.0
Transportation, Communication & Public Utilities	1.2	1.2	1.2	0.0	****	0.0	****
Wholesale & Retail trade	10.0	10.1	9.6	-0.1	-1.0	0.4	4.2
Finance, Insurance & Real Estate	1.9	1.9	1.9	0.0	****	0.0	****
Services	10.6	10.6	10.4	0.0	****	0.2	1.9
Government	4.9	4.8	4.9	0.1	2.1	0.0	****
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	68.0	68.3	66.5	-0.3	-0.4	1.5	2.3
Manufacturing	18.5	18.6	19.7	-0.1	-0.5	-1.2	-6.1
Durable Goods	8.0	8.0	8.5	0.0	****	-0.5	-5.9
Primary & Fabricated Metals	2.4	2.4	2.6	0.0	****	-0.2	-7.7
Nondurable Goods	10.5	10.6	11.2	-0.1	-0.9	-0.7	-6.3
Apparel	5.3	5.4	5.7	-0.1	-1.9	-0.4	-7.0
Construction	3.1	3.3	2.7	-0.2	-6.1	0.4	14.8
Transportation, Communication & Public Utilities	2.9	2.9	2.8	0.0	****	0.1	3.6
Wholesale & Retail trade	16.2	16.4	16.0	-0.2	-1.2	0.2	1.3
Finance, Insurance & Real Estate	2.5	2.5	2.5	0.0	****	0.0	****
Services	14.0	13.9	13.0	0.1	0.7	1.0	7.7
Government	10.8	10.7	9.8	0.1	0.9	1.0	10.2
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	54.7	54.9	54.8	-0.2	-0.4	-0.1	-0.2
Manufacturing	15.1	15.1	16.9	0.0	****	-1.8	-10.7
Textile mill products	3.8	3.7	4.2	0.1	2.7	-0.4	-9.5
All other manufacturing	11.3	11.4	12.7	-0.1	-0.9	-1.4	-11.0
Construction	2.6	2.7	2.1	-0.1	-3.7	0.5	23.8
Transportation, Communication & Public Utilities	1.9	1.9	1.9	0.0	****	0.0	****
Wholesale & Retail trade	14.0	14.2	13.9	-0.2	-1.4	0.1	0.7
Finance, Insurance & Real Estate	3.4	3.4	3.1	0.0	****	0.3	9.7
Services	10.7	10.7	10.1	0.0	****	0.6	5.9
Government	7.0	6.9	6.8	0.1	1.4	0.2	2.9

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	FEB 1989	JAN 1989	FEB 1988	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	40.9	40.7	40.7	0.2	0.5	0.2	0.5
Manufacturing	12.1	12.1	12.0	0.0	****	0.1	0.8
Durable Goods	5.1	5.1	4.9	0.0	****	0.2	4.1
Machinery, except electrical	3.1	3.1	3.0	0.0	****	0.1	3.3
Nondurable Goods	7.0	7.0	7.1	0.0	****	-0.1	-1.4
Rubber & miscellaneous Plastic products	3.6	3.6	3.7	0.0	****	-0.1	-2.7
Construction	2.3	2.3	2.1	0.0	****	0.2	9.5
Transportation, Communication & Public Utilities	1.5	1.5	1.7	0.0	****	-0.2	-11.8
Wholesale & Retail trade	10.2	10.2	10.1	0.0	****	0.1	1.0
Finance, Insurance & Real Estate	1.7	1.7	1.7	0.0	****	0.0	****
Services	8.2	8.1	8.2	0.1	1.2	0.0	****
Government	4.9	4.8	4.9	0.1	2.1	0.0	****
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	109.7	110.0	107.2	-0.3	-0.3	2.5	2.3
Mining	0.1	0.1	0.2	0.0	****	-0.1	-50.0
Manufacturing	36.3	36.6	36.8	-0.3	-0.8	-0.5	-1.4
Construction	5.1	5.2	4.6	-0.1	-1.9	0.5	10.9
Transportation, Communication & Public Utilities	5.4	5.5	4.6	-0.1	-1.8	0.8	17.4
Wholesale & Retail trade	24.1	24.0	22.8	0.1	0.4	1.3	5.7
Finance, Insurance & Real Estate	4.0	3.9	3.9	0.1	2.6	0.1	2.6
Services	20.9	20.9	20.4	0.0	****	0.5	2.5
Government	13.8	13.8	13.9	0.0	****	-0.1	-0.7
*** SALEM - GLOUCESTER PMSA**							
NONAGRICULTURAL EMPLOYMENT	114.4	115.1	110.6	-0.7	-0.6	3.8	3.4
Manufacturing	21.8	22.0	22.4	-0.2	-0.9	-0.6	-2.7
Durable Goods	14.9	15.1	15.3	-0.2	-1.3	-0.4	-2.6
Nondurable Goods	6.9	6.9	7.1	0.0	****	-0.2	-2.8
Construction	5.3	5.6	4.6	-0.3	-5.4	0.7	15.2
Transportation, Communication & Public Utilities	4.0	3.9	3.7	0.1	2.6	0.3	8.1
Wholesale & Retail trade	33.0	33.3	32.2	-0.3	-0.9	0.8	2.5
Finance, Insurance & Real Estate	6.0	6.1	5.4	-0.1	-1.6	0.6	11.1
Services	28.6	28.2	26.8	0.4	1.4	1.8	6.7
Government	15.7	16.0	15.5	-0.3	-1.9	0.2	1.3

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

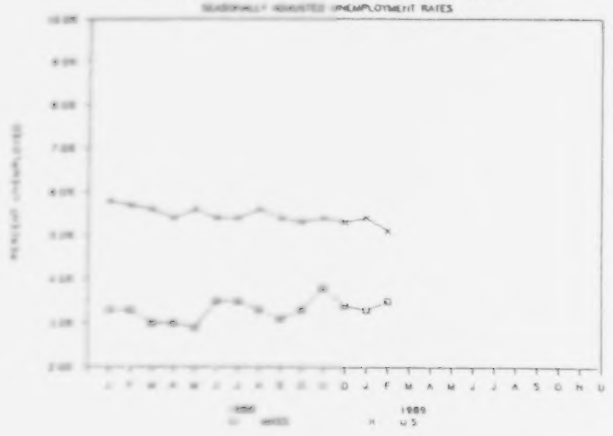
Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS
MANUFACTURING

Area	Average Weekly Hours			Average Hourly Earnings		
	FEB 89	JAN 89	FEB 88	FEB 89	JAN 89	FEB 88
UNITED STATES	40.7	41.0	40.7	$10.35	$10.32	$10.03
MASSACHUSETTS	41.4	41.4	40.4	10.56	10.53	10.06
BOSTON	41.0	41.2	41.2	11.29	11.26	10.84
BROCKTON	40.0	39.9	40.3	8.78	8.77	8.40
FALL RIVER	37.6	36.6	36.7	8.13	7.96	7.53
LAWRENCE-HAVERHILL	41.0	40.5	40.6	10.53	10.44	9.83
LOWELL	40.8	40.4	42.2	10.40	10.35	10.06
NEW BEDFORD	38.8	37.9	37.4	8.96	8.97	8.67
SPRINGFIELD	42.5	42.7	42.1	9.83	9.85	9.51
WORCESTER	41.4	41.5	39.8	10.68	10.61	10.22

Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY
MASSACHUSETTS

Industry	Average Weekly Hours			Average Hourly Earnings		
	FEB 89	JAN 89	FEB 88	FEB 89	JAN 89	FEB 88
MANUFACTURING	41.4	41.4	40.4	$10.56	$10.53	$10.06
DURABLE GOODS	42.1	42.0	40.8	11.02	10.99	10.50
LUMBER & FURNITURE	39.9	40.6	37.1	8.51	8.33	7.85
STONE, CLAY & GLASS	42.1	41.5	38.8	12.64	12.73	12.23
PRIMARY METALS	42.5	42.4	41.3	10.48	10.53	10.08
FABRICATED METALS	42.0	42.3	41.8	11.22	11.04	10.62
CUTLERY, ETC.	45.1	46.3	44.9	11.57	11.61	11.21
MACHINERY, EX. ELEC.	42.2	42.2	42.1	11.25	11.13	10.74
METALWORKING MACH.	44.2	44.1	43.8	11.28	11.35	11.17
SPECIAL INDU. MACH.	44.1	43.8	43.3	12.20	12.03	12.13
ELEC. & ELECTRON. MACH.	40.8	40.8	41.9	10.49	10.57	10.13
COMMUNICATIONS EQUIP.	42.2	41.1	42.8	10.89	11.00	10.51
ELECTRONIC COMP.	40.9	41.3	41.6	10.65	10.59	10.11
TRANSPORTATION EQUIP.	43.0	43.0	42.2	13.17	13.19	12.54
INSTRUMENTS	43.6	43.2	37.2	11.37	11.37	10.77
MEAS. & CONTROL DEVICES	45.5	45.3	45.4	8.90	8.87	8.65
MISC. MANUFAC. IND.	42.9	42.3	40.7	9.54	9.41	8.81
JEWELRY	42.1	41.1	40.0	8.57	8.63	7.74
NONDURABLE GOODS	40.4	40.5	39.7	9.81	9.79	9.44
FOOD & KINDRED PROD.	40.3	40.9	39.0	10.41	10.32	9.92
TEXTILE MILL PROD.	43.9	43.9	41.8	9.25	9.11	8.43
APPAREL	38.7	38.4	38.6	7.12	7.03	6.58
MENS & BOYS SUITS	38.6	39.2	38.2	7.67	7.51	7.15
PAPER & ALLIED PRODUCTS	43.9	44.3	44.7	10.53	10.59	10.16
PRINTING & PUBLISHING	37.8	38.0	36.8	10.80	10.86	10.46
CHEMICALS	40.7	40.8	42.1	12.09	12.10	11.83
RUBBER & PLASTIC PROD.	41.5	41.8	41.1	9.40	9.31	9.41
MISC. PLAS. PROD.	39.8	39.9	40.7	9.25	9.06	9.21
LEATHER & LEATHER PROD.	37.5	37.1	35.9	7.78	7.83	7.60
FOOTWEAR, EX. RUBBER	36.2	36.3	36.7	6.97	6.80	6.7Q8

MASSACHUSETTS & UNITED STATES



(continued from page 1)

- The highest rates were in the Fall River PMSA with 6.9 percent and the New Bedford MSA at 6.6 percent.

ANNUAL AVERAGE UNEMPLOYMENT

The 1988 annual average unemployment rate for Massachusetts was 3.3 percent, the lowest among the eleven large states. In second place was North Carolina at 3.6 percent. The national annual average rate for 1988 was 5.5 percent.

- Among the major labor market areas, the lowest annual average unemployment rates were in the Boston PMSA at 2.8 percent, the Worcester MSA at 3.0 percent, and the Salem-Gloucester PMSA at 3.2 percent. The highest annual average rates were recorded in the Fall River PMSA at 5.4 percent and the New Bedford MSA at 5.0 percent.

- The smaller labor areas with the lowest annual average unemployment rates for 1988 were the Nantucket County LMA at 1.5 percent, the Great Barrington LMA at 2.6 percent, and the Amherst LMA at 2.7 percent. Highest among the small areas was the Athol LMA at 5.6 percent.

The table below presents annual average unemployment rates for the U. S. and Massachusetts for the 1980's to date. As can be seen in this table the Massachusetts unemployment rate has been well below the national rate for the entire period. In fact, in recent years the state rate has been close to one half the rate experienced by the country as a whole.

ANNUAL AVERAGE
UNEMPLOYMENT RATES
MASSACHUSETTS vs UNITED STATES
1980 - 1988

YEAR	MASS	U.S.
1980	5.5	7.1
1981	6.4	7.6
1982	7.9	9.7
1983	6.9	9.6
1984	4.8	7.5
1985	3.9	7.2
1986	3.8	7.0
1987	3.2	6.2
1988	3.3	5.5

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

(In Thousands)

	February 1989	January 1989	February 1988
United States	5.1	5.4	5.7
Massachusetts	3.5	3.3	3.3
Labor Force	3,205.0	3,166.0	3,141.0
Employed	3,094.0	3,063.0	3,038.0
Unemployed	111.0	103.0	103.0

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	FEBRUARY 1989	JANUARY 1989	FEBRUARY 1988
UNITED STATES			
LABOR FORCE	121,906,000	129,404,000	119,942,000
EMPLOYMENT	115,023,000	122,095,000	112,460,000
UNEMPLOYMENT	6,883,000	7,309,000	7,482,000
PERCENT UNEMPLOYED	5.6	5.6	6.2
MASSACHUSETTS			
LABOR FORCE	3,162,400	3,139,200	3,098,000
EMPLOYMENT	3,038,300	3,019,900	2,981,700
UNEMPLOYMENT	124,100	119,300	116,300
PERCENT UNEMPLOYED	3.9	3.8	3.8
MAJOR LABOR AREAS			
BOSTON PMSA			
LABOR FORCE	1,566,400	1,554,340	1,539,490
EMPLOYMENT	1,517,020	1,506,510	1,492,310
UNEMPLOYMENT	49,380	47,830	47,190
PERCENT UNEMPLOYED	3.2	3.1	3.1
BROCKTON PMSA			
LABOR FORCE	99,720	99,020	97,200
EMPLOYMENT	95,330	94,800	93,230
UNEMPLOYMENT	4,390	4,220	3,970
PERCENT UNEMPLOYED	4.4	4.3	4.1
FALL RIVER PMSA			
LABOR FORCE	76,510	76,130	76,510
EMPLOYMENT	71,240	70,870	71,210
UNEMPLOYMENT	5,280	5,250	5,300
PERCENT UNEMPLOYED	6.9	6.9	6.9
FITCHBURG-LEOMINSTER MSA			
LABOR FORCE	46,980	46,470	47,370
EMPLOYMENT	44,580	44,110	45,390
UNEMPLOYMENT	2,400	2,360	1,980
PERCENT UNEMPLOYED	5.1	5.1	4.2
LAWRENCE-HAVERHILL PMSA			
LABOR FORCE	187,130	185,250	185,730
EMPLOYMENT	178,390	176,990	177,630
UNEMPLOYMENT	8,750	8,260	8,100
PERCENT UNEMPLOYED	4.7	4.5	4.4
LOWELL PMSA			
LABOR FORCE	154,620	153,610	150,490
EMPLOYMENT	148,450	147,650	145,190
UNEMPLOYMENT	6,170	5,960	5,300
PERCENT UNEMPLOYED	4.0	3.9	3.5
NEW BEDFORD MSA			
LABOR FORCE	87,480	87,350	84,950
EMPLOYMENT	81,710	81,800	79,360
UNEMPLOYMENT	5,770	5,550	5,590
PERCENT UNEMPLOYED	6.6	6.4	6.6

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	FEBRUARY 1989	JANUARY 1989	FEBRUARY 1988
PITTSFIELD MSA			
LABOR FORCE	40,070	40,010	39,750
EMPLOYMENT	37,790	37,820	37,680
UNEMPLOYMENT	2,270	2,200	2,070
PERCENT UNEMPLOYED	5.7	5.5	5.2
SALEM-GLOUCESTER PMSA			
LABOR FORCE	154,320	154,440	149,990
EMPLOYMENT	148,930	149,150	144,640
UNEMPLOYMENT	5,390	5,290	5,340
PERCENT UNEMPLOYED	3.5	3.4	3.6
SPRINGFIELD MSA			
LABOR FORCE	252,380	250,620	250,950
EMPLOYMENT	242,270	241,010	241,490
UNEMPLOYMENT	10,120	9,610	9,470
PERCENT UNEMPLOYED	4.0	3.8	3.8
WORCESTER MSA			
LABOR FORCE	228,500	226,110	219,920
EMPLOYMENT	220,390	218,250	212,360
UNEMPLOYMENT	8,110	7,870	7,560
PERCENT UNEMPLOYED	3.5	3.5	3.4
OTHER LABOR AREAS			
AMHERST LMA			
LABOR FORCE	32,630	32,030	31,690
EMPLOYMENT	31,590	31,060	30,650
UNEMPLOYMENT	1,040	970	1,040
PERCENT UNEMPLOYED	3.2	3.0	3.3
ATHOL LMA			
LABOR FORCE	10,450	10,390	10,010
EMPLOYMENT	9,700	9,650	9,370
UNEMPLOYMENT	750	740	640
PERCENT UNEMPLOYED	7.1	7.1	6.4
ATTLEBORO LMA			
LABOR FORCE	48,330	47,420	48,160
EMPLOYMENT	45,110	44,740	45,170
UNEMPLOYMENT	3,220	2,680	2,980
PERCENT UNEMPLOYED	6.7	5.7	6.2
BARNSTABLE LMA			
LABOR FORCE	102,350	101,710	94,240
EMPLOYMENT	95,700	95,270	88,100
UNEMPLOYMENT	6,650	6,440	6,130
PERCENT UNEMPLOYED	6.5	6.3	6.5
DUKES COUNTY LMA			
LABOR FORCE	6,480	6,490	5,550
EMPLOYMENT	6,100	6,140	5,240
UNEMPLOYMENT	380	350	310
PERCENT UNEMPLOYED	5.8	5.4	5.5

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	FEBRUARY 1989	JANUARY 1989	FEBRUARY 1988
GARDNER LMA			
LABOR FORCE	15,290	15,230	14,890
EMPLOYMENT	14,380	14,350	14,150
UNEMPLOYMENT	900	880	750
PERCENT UNEMPLOYED	5.9	5.8	5.0
GREAT BARRINGTON LMA			
LABOR FORCE	8,930	9,040	8,960
EMPLOYMENT	8,600	8,720	8,640
UNEMPLOYMENT	330	310	330
PERCENT UNEMPLOYED	3.7	3.5	3.6
GREENFIELD LMA			
LABOR FORCE	26,750	26,730	26,300
EMPLOYMENT	25,550	25,600	25,330
UNEMPLOYMENT	1,200	1,130	970
PERCENT UNEMPLOYED	4.5	4.2	3.7
NANTUCKET LMA			
LABOR FORCE	4,470	4,330	4,120
EMPLOYMENT	4,320	4,190	4,000
UNEMPLOYMENT	150	140	120
PERCENT UNEMPLOYED	3.4	3.3	2.9
NORTH ADAMS LMA			
LABOR FORCE	19,280	19,140	19,530
EMPLOYMENT	18,240	18,150	18,490
UNEMPLOYMENT	1,050	1,000	1,050
PERCENT UNEMPLOYED	5.4	5.2	5.4
SOUTHBRIDGE LMA			
LABOR FORCE	12,110	12,050	12,700
EMPLOYMENT	11,410	11,440	11,990
UNEMPLOYMENT	700	610	710
PERCENT UNEMPLOYED	5.8	5.1	5.6
TAUNTON LMA			
LABOR FORCE	28,370	28,150	27,760
EMPLOYMENT	26,800	26,620	26,420
UNEMPLOYMENT	1,570	1,530	1,350
PERCENT UNEMPLOYED	5.5	5.4	4.8
WARE LMA			
LABOR FORCE	8,760	8,570	8,260
EMPLOYMENT	8,260	8,110	7,770
UNEMPLOYMENT	510	460	490
PERCENT UNEMPLOYED	5.8	5.4	5.9
BALANCE of WESTERN MASS EA			
LABOR FORCE	9,670	9,760	8,720
EMPLOYMENT	9,240	9,370	8,310
UNEMPLOYMENT	430	400	410
PERCENT UNEMPLOYED	4.5	4.0	4.7

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
MASSACHUSETTS CITIES AND TOWNS

FEBRUARY 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
ABINGTON	7,713	7,410	303	3.9
ACTON	10,173	9,978	195	1.9
ACUSHNET	5,253	4,951	302	5.7
ADAMS	5,001	4,732	269	5.4
AGAWAM	14,360	13,911	449	3.1
ALFORD	223	219	4	1.8
AMESBURY	7,335	7,044	291	4.0
AMHERST	20,428	19,994	434	2.1
ANDOVER	13,911	13,553	358	2.6
ARLINGTON	26,540	25,966	574	2.2
ASHBURNHAM	2,396	2,300	96	4.0
ASHBY	1,249	1,213	36	2.9
ASHFIELD	908	868	40	4.4
ASHLAND	7,183	6,950	233	3.2
ATHOL	4,580	4,230	350	7.6
ATTLEBORO	18,178	16,874	1,304	7.2
AUBURN	8,961	8,668	293	3.3
AVON	2,914	2,814	100	3.4
AYER	3,588	3,431	157	4.4
BARNSTABLE	21,157	19,551	1,606	7.6
BARRE	2,439	2,315	124	5.1
BECKET	808	757	51	6.3
BEDFORD	6,899	6,728	171	2.5
BELCHERTOWN	4,780	4,595	185	3.9
BELLINGHAM	7,735	7,382	353	4.6
BELMONT	14,155	13,898	257	1.8
BERKLEY	1,890	1,761	129	6.8
BERLIN	1,333	1,256	77	5.8
BERNARDSTON	1,025	977	48	4.7
BEVERLY	22,570	21,974	596	2.6
BILLERICA	23,344	22,473	871	3.7
BLACKSTONE	3,459	3,139	320	9.3
BLANDFORD	618	599	19	3.1
BOLTON	1,688	1,627	61	3.6
BOSTON	303,104	292,541	10,563	3.5
BOURNE	7,637	7,226	411	5.4
BOXBOROUGH	2,081	2,033	48	2.3
BOXFORD	3,040	2,977	63	2.1
BOYLSTON	2,229	2,159	70	3.1
BRAINTREE	19,471	18,935	536	2.8
BREWSTER	3,503	3,338	165	4.7
BRIDGEWATER	9,592	9,225	367	3.8
BRIMFIELD	1,121	1,050	71	6.3
BROCKTON	49,335	46,794	2,541	5.2
BROOKFIELD	1,589	1,500	89	5.6
BROOKLINE	32,535	32,046	489	1.5
BUCKLAND	998	982	16	1.6
BURLINGTON	13,892	13,447	445	3.2
CAMBRIDGE	54,488	53,157	1,331	2.4
CANTON	10,490	10,174	316	3.0
CARLISLE	2,253	2,213	40	1.8
CARVER	4,702	4,484	218	4.6
CHARLEMONT	667	631	36	5.4
CHARLTON	4,441	4,199	242	5.4
CHATHAM	3,254	3,121	133	4.1
CHELMSFORD	19,864	19,325	539	2.7
CHELSEA	11,783	11,175	608	5.2
CHESHIRE	1,690	1,585	105	6.2
CHESTER	586	556	30	5.1
CHESTERFIELD	661	626	35	5.3
CHICOPEE	28,988	27,819	1,169	4.0
CHILMARK	374	360	14	3.7
CLARKSBURG	932	916	16	1.7
CLINTON	7,079	6,758	321	4.5
COHASSET	3,942	3,808	134	3.4
COLRAIN	904	852	52	5.8
CONCORD	9,251	9,094	157	1.7
CONWAY	844	807	37	4.4
CUMMINGTON	433	414	19	4.4
DALTON	3,234	3,096	138	4.3
DANVERS	14,724	14,356	368	2.5
DARTMOUTH	14,013	13,255	758	5.4
DEDHAM	13,849	13,390	459	3.3
DEERFIELD	2,908	2,794	114	3.9
DENNIS	7,025	6,655	370	5.3
DIGHTON	2,825	2,705	120	4.2
DOUGLAS	2,501	2,369	132	5.3
DOVER	2,478	2,445	33	1.3
DRACUT	15,445	14,825	620	4.0
DUDLEY	5,225	5,038	187	3.6
DUNSTABLE	1,276	1,231	45	3.5
DUXBURY	6,828	6,659	169	2.5
EAST BRIDGEWATER	5,459	5,249	210	3.8
EAST BROOKFIELD	1,021	965	56	5.5
EAST LONGMEADOW	6,341	6,173	168	2.6
EASTHAM	2,436	2,266	170	7.0
EASTHAMPTON	8,695	8,401	294	3.4
EASTON	10,803	10,504	299	2.8
EDGARTOWN	1,869	1,704	165	8.8
EGREMONT	791	773	18	2.3
ERVING	573	551	22	3.8
ESSEX	1,783	1,693	90	5.0
EVERETT	19,056	18,180	876	4.6
FAIRHAVEN	8,024	7,634	390	4.9
FALL RIVER	43,028	39,297	3,731	8.7
FALMOUTH	14,136	13,475	661	4.7
FITCHBURG	18,645	17,605	1,040	5.6
FLORIDA	399	334	65	16.3
FOXBOROUGH	8,263	8,032	231	2.8
FRAMINGHAM	39,593	38,498	1,095	2.8
FRANKLIN	10,350	9,944	406	3.9
FREETOWN	4,298	4,080	218	5.1
GARDNER	8,434	7,986	448	5.3
GAY HEAD	115	103	12	10.4
GEORGETOWN	3,092	2,998	94	3.0
GILL	760	742	18	2.4
GLOUCESTER	16,159	14,958	1,201	7.4
GOSHEN	450	436	14	3.1
GOSNOLD	32	30	2	6.3
GRAFTON	7,142	6,961	181	2.5
GRANBY	2,814	2,707	107	3.8
GRANVILLE	752	715	37	4.9
GREAT BARRINGTON	3,888	3,707	181	4.7
GREENFIELD	9,698	9,305	393	4.1
GROTON	3,925	3,827	98	2.5
GROVELAND	2,719	2,624	95	3.5
HADLEY	3,175	3,038	137	4.3
HALIFAX	3,005	2,866	139	4.6
HAMILTON	4,209	4,132	77	1.8
HAMPDEN	2,284	2,183	101	4.4
HANCOCK	323	313	10	3.1
HANOVER	6,151	5,981	170	2.8
HANSON	4,480	4,299	181	4.0
HARDWICK	985	912	73	7.4
HARVARD	3,467	3,412	55	1.6
HARWICH	4,848	4,590	258	5.3
HATFIELD	2,351	2,186	165	7.0
HAVERHILL	23,696	22,492	1,204	5.1
HAWLEY	189	186	3	1.6
HEATH	307	295	12	3.9
HINGHAM	10,241	9,988	253	2.5
HINSDALE	844	784	60	7.1
HOLBROOK	6,254	6,050	204	3.3
HOLDEN	7,923	7,783	140	1.8
HOLLAND	706	677	29	4.1
HOLLISTON	7,535	7,350	185	2.5
HOLYOKE	17,919	17,006	913	5.1
HOPEDALE	2,117	2,009	108	5.1
HOPKINTON	5,009	4,866	143	2.9
HUBBARDSTON	915	851	64	7.0
HUDSON	10,700	10,292	408	3.8
HULL	4,787	4,531	256	5.3
HUNTINGTON	912	869	43	4.7
IPSWICH	6,928	6,748	180	2.6
KINGSTON	4,361	4,154	207	4.7
LAKEVILLE	3,642	3,563	79	2.2
LANCASTER	3,219	3,142	77	2.4
LANESBOROUGH	1,614	1,515	99	6.1
LAWRENCE	29,684	27,215	2,469	8.3
LEE	2,952	2,780	172	5.8
LEICESTER	5,522	5,289	233	4.2
LENOX	3,310	3,170	140	4.2
LEOMINSTER	17,413	16,510	903	5.2
LEVERETT	1,218	1,155	63	5.2
LEXINGTON	16,823	16,543	280	1.7
LEYDEN	372	353	19	5.1
LINCOLN	3,518	3,473	45	1.3
LITTLETON	4,142	4,057	85	2.1
LONGMEADOW	7,687	7,569	118	1.5
LOWELL	54,208	51,582	2,626	4.8
LUDLOW	10,530	9,957	573	5.4
LUNENBURG	4,479	4,300	179	4.0
LYNN	40,290	38,459	1,831	4.5
LYNNFIELD	6,191	6,024	167	2.7

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

FEBRUARY 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
MALDEN	29,077	28,053	1,024	3.5
MANCHESTER	2,962	2,879	83	2.8
MANSFIELD	8,302	8,037	265	3.2
MARBLEHEAD	11,788	11,538	250	2.1
MARION	2,075	1,991	84	4.0
MARLBOROUGH	19,011	18,395	616	3.2
MARSHFIELD	11,990	11,529	461	3.8
MASHPEE	3,513	3,375	138	3.9
MATTAPOISETT	3,221	3,141	80	2.5
MAYNARD	5,812	5,614	198	3.4
MEDFIELD	5,688	5,551	137	2.4
MEDFORD	31,177	30,159	1,018	3.3
MEDWAY	5,231	5,067	164	3.1
MELROSE	15,989	15,524	465	2.9
MENDON	1,946	1,854	92	4.7
MERRIMAC	2,462	2,352	110	4.5
METHUEN	21,422	20,601	821	3.8
MIDDLEBOROUGH	8,401	7,943	458	5.5
MIDDLEFIELD	202	193	9	4.5
MIDDLETON	3,006	2,910	96	3.2
MILFORD	13,576	12,942	634	4.7
MILLBURY	6,663	6,397	266	4.0
MILLIS	4,092	3,947	145	3.5
MILLVILLE	957	889	68	7.1
MILTON	13,219	12,958	261	2.0
MONROE	63	59	4	6.3
MONSON	3,599	3,476	123	3.4
MONTAGUE	4,463	4,214	249	5.6
MONTEREY	581	568	13	2.2
MONTGOMERY	308	302	6	1.9
MOUNT WASHINGTON	72	71	1	1.4
NAHANT	2,215	2,153	62	2.8
NANTUCKET	4,473	4,322	151	3.4
NATICK	18,286	17,807	479	2.6
NEEDHAM	15,464	15,190	274	1.8
NEW ASHFORD	94	94	0	0.0
NEW BEDFORD	48,574	44,693	3,881	8.0
NEW BRAINTREE	323	311	12	3.7
NEW MARLBOROUGH	723	712	11	1.5
NEW SALEM	427	375	52	12.2
NEWBURY	2,926	2,820	106	3.6
NEWBURYPORT	8,860	8,510	350	4.0
NEWTON	48,288	47,392	896	1.9
NORFOLK	3,741	3,608	133	3.6
NORTH ADAMS	8,200	7,591	609	7.4
NORTH ANDOVER	11,346	11,027	319	2.8
NORTH ATTLEBOROUGH	11,943	11,274	669	5.6
NORTH BROOKFIELD	2,288	2,200	88	3.8
NORTH READING	6,966	6,774	192	2.8
NORTHAMPTON	14,253	13,774	479	3.4
NORTHBOROUGH	6,678	6,515	163	2.4
NORTHBRIDGE	6,915	6,683	232	3.4
NORTHFIELD	1,381	1,330	51	3.7
NORTON	7,574	7,270	304	4.0
NORWELL	4,908	4,791	117	2.4
NORWOOD	17,140	16,565	575	3.4
OAK BLUFFS	1,203	1,117	86	7.1
OAKHAM	556	525	31	5.6
ORANGE	2,868	2,653	215	7.5
ORLEANS	3,089	2,933	156	5.1
OTIS	508	462	46	9.1
OXFORD	6,791	6,511	280	4.1
PALMER	6,273	6,004	269	4.3
PAXTON	2,290	2,252	38	1.7
PEABODY	28,096	27,162	934	3.3
PELHAM	982	952	30	3.1
PEMBROKE	7,556	7,263	293	3.9
PEPPERELL	5,488	5,297	191	3.5
PERU	417	404	13	3.1
PETERSHAM	440	431	9	2.0
PHILLIPSTON	480	455	25	5.2
PITTSFIELD	24,323	22,816	1,507	6.2
PLAINFIELD	237	213	24	10.1
PLAINVILLE	3,217	2,986	231	7.2
PLYMOUTH	19,637	18,510	1,127	5.7
PLYMPTON	1,160	1,106	54	4.7
PRINCETON	1,760	1,723	37	2.1
PROVINCETOWN	3,008	2,052	956	31.8
QUINCY	47,522	45,790	1,732	3.6
RANDOLPH	16,695	16,163	532	3.2
RAYNHAM	5,135	4,961	174	3.4
READING	13,195	12,871	324	2.5
REHOBOTH	4,194	3,904	290	6.9
REVERE	23,215	22,215	1,000	4.3
RICHMOND	840	814	26	3.1
ROCHESTER	2,024	1,963	61	3.0
ROCKLAND	8,002	7,664	338	4.2
ROCKPORT	3,451	3,216	235	6.8
ROWE	194	176	18	9.3
ROWLEY	2,782	2,650	132	4.7
ROYALSTON	451	427	24	5.3
RUSSELL	775	752	23	3.0
RUTLAND	2,555	2,485	70	2.7
SALEM	22,693	21,848	845	3.7
SALISBURY	3,560	3,346	214	6.0
SANDISFIELD	385	372	13	3.4
SANDWICH	6,984	6,779	205	2.9
SAUGUS	14,747	14,209	538	3.6
SAVOY	347	332	15	4.3
SCITUATE	9,169	8,912	257	2.8
SEEKONK	6,383	6,047	336	5.3
SHARON	8,367	8,203	164	2.0
SHEFFIELD	1,526	1,473	53	3.5
SHELBURNE	1,066	976	90	8.4
SHERBORN	2,199	2,162	37	1.7
SHIRLEY	2,888	2,739	149	5.2
SHREWSBURY	13,489	13,199	290	2.1
SHUTESBURY	951	921	30	3.2
SOMERSET	9,681	9,255	426	4.4
SOMERVILLE	40,767	39,458	1,309	3.2
SOUTH HADLEY	8,679	8,405	274	3.2
SOUTHAMPTON	2,374	2,286	88	3.7
SOUTHBOROUGH	3,688	3,590	98	2.7
SOUTHBRIDGE	6,680	6,263	417	6.2
SOUTHWICK	4,145	3,968	177	4.3
SPENCER	6,338	6,069	269	4.2
SPRINGFIELD	67,482	64,128	3,354	5.0
STERLING	3,809	3,703	106	2.8
STOCKBRIDGE	1,261	1,234	27	2.1
STONEHAM	13,005	12,597	408	3.1
STOUGHTON	15,381	14,833	548	3.6
STOW	3,176	3,103	73	2.3
STURBRIDGE	3,061	2,909	152	5.0
SUDBURY	7,687	7,525	162	2.1
SUNDERLAND	2,503	2,364	139	5.6
SUTTON	3,522	3,429	93	2.6
SWAMPSCOTT	7,868	7,672	196	2.5
SWANSEA	8,151	7,721	430	5.3
TAUNTON	23,654	22,331	1,323	5.6
TEMPLETON	2,634	2,456	178	6.8
TEWKSBURY	15,468	14,935	533	3.4
TISBURY	2,098	2,010	88	4.2
TOLLAND	144	142	2	1.4
TOPSFIELD	3,119	3,051	68	2.2
TOWNSEND	4,548	4,416	132	2.9
TRURO	755	614	141	18.7
TYNGSBOROUGH	4,939	4,737	202	4.1
TYRINGHAM	241	239	2	0.8
UPTON	2,390	2,298	92	3.8
UXBRIDGE	4,995	4,776	219	4.4
WAKEFIELD	14,544	14,042	502	3.5
WALES	537	507	30	5.6
WALPOLE	11,024	10,608	416	3.8
WALTHAM	34,202	33,131	1,071	3.1
WARE	3,889	3,700	189	4.9
WAREHAM	9,973	9,289	684	6.9
WARREN	1,579	1,452	127	8.0
WARWICK	234	218	16	6.8
WASHINGTON	313	303	10	3.2
WATERTOWN	20,325	19,846	479	2.4
WAYLAND	7,074	6,944	130	1.8
WEBSTER	8,169	7,732	437	5.3
WELLESLEY	14,215	14,061	154	1.1
WELLFLEET	1,255	1,128	127	10.1
WENDELL	393	361	32	8.1
WENHAM	2,183	2,147	36	1.6
WEST BOYLSTON	3,538	3,430	108	3.1
WEST BRIDGEWATER	3,511	3,384	127	3.6

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

FEBRUARY 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
WEST BROOKFIELD	1,428	1,353	75	5.3
WEST NEWBURY	1,616	1,576	40	2.5
WEST SPRINGFIELD	14,507	14,078	429	3.0
WEST STOCKBRIDGE	739	704	35	4.7
WEST TISBURY	790	779	11	1.4
WESTBOROUGH	8,237	8,079	158	1.9
WESTFIELD	18,315	17,718	597	3.3
WESTFORD	9,210	8,912	298	3.2
WESTHAMPTON	793	784	9	1.1
WESTMINSTER	2,798	2,649	149	5.3
WESTON	5,802	5,709	93	1.6
WESTPORT	6,915	6,567	348	5.0
WESTWOOD	7,086	6,947	139	2.0
WEYMOUTH	31,209	30,185	1,024	3.3
WHATELY	1,018	975	43	4.2
WHITMAN	7,393	7,088	305	4.1
WILBRAHAM	6,360	6,183	177	2.8
WILLIAMSBURG	1,521	1,453	68	4.5
WILLIAMSTOWN	3,987	3,926	61	1.5
WILMINGTON	9,607	9,247	360	3.7
WINCHENDON	3,303	3,088	215	6.5
WINCHESTER	11,050	10,825	225	2.0
WINDSOR	351	335	16	4.6
WINTHROP	10,896	10,594	302	2.8
WOBURN	22,586	21,817	769	3.4
WORCESTER	84,389	81,200	3,189	3.8
WORTHINGTON	636	607	29	4.6
WRENTHAM	4,004	3,861	143	3.6
YARMOUTH	9,778	9,310	468	4.8

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

UNEMPLOYMENT INSURANCE CLAIMS[1]
MASSACHUSETTS AND THE LABOR AREAS

NOT SEASONALLY ADJUSTED

MASSACHUSETTS AND THE LABOR AREAS	INITIAL CLAIMS			CONTINUED CLAIMS[2]		
	FEB 89	JAN 89	FEB 88	FEB 89	JAN 89	FEB 88
MASSACHUSETTS	7,340	9,187	8,528	81,997	77,112	72,785
MAJOR LABOR AREAS						
BOSTON PMSA	3,002	3,603	2,161	32,057	30,147	27,148
BROCKTON PMSA	235	310	184	2,780	2,588	2,182
FALL RIVER PMSA[3]	439	600	413	4,144	4,090	3,998
FITCHBURG-LEOMINSTER MSA	160	176	85	1,606	1,522	1,195
LAWRENCE-HAVERHILL PMSA[4]	439	479	402	5,033	4,591	3,743
LOWELL PMSA[4]	314	364	206	3,557	3,362	2,667
NEW BEDFORD MSA	428	502	409	4,360	4,148	3,951
PITTSFIELD MSA	88	124	85	1,580	1,533	1,332
SPRINFIELD MSA	336	417	293	3,778	3,627	3,301
SALEM-GLOUCESTER PMSA	528	740	487	6,690	6,118	5,639
WORCESTER MSA	505	640	369	5,175	4,818	4,560
OTHER LABOR AREAS						
AMHERST LMA	30	29	35	322	279	268
ATHOL LMA	39	73	19	531	505	420
BARNSTABLE COUNTY LMA	260	506	237	5,015	4,765	4,311
BALANCE OF WESTERN MA EA	14	24	17	279	240	246
DUKES COUNTY LMA	17	30	5	277	246	199
GARDNER LMA	45	50	38	622	601	448
GREAT BARRINGTON LMA	12	17	11	233	218	208
GREENFIELD LMA	79	88	50	841	787	602
NANTUCKET LMA	12	17	5	107	85	83
NORTH ADAMS LMA	63	71	68	797	763	730
SOUTHBRIDGE LMA	55	43	32	467	408	437
TAUNTON LMA	150	232	83	1,141	1,156	896
WARE LMA	33	37	37	363	316	430

1 - Week that includes the 12th
2 - Includes regular compensation not extended compensation
3 - Includes Rhode Island residents of PMSA
4 - Includes New Hampshire residents of PMSA

EXPLANATION OF TERMS

Nonagricultural Wage and Salary Employment. Includes all workers who worked full or part-time or who received vacation pay, holiday pay or sick leave pay directly from the employer for the pay period which includes the 12th of the month. Excluded are workers in most agricultural industries as well as those in forestry, fisheries and international government. Also excluded are self-employed workers, unpaid family workers and domestics in private households.

Benchmark. A reasonably complete count of employment at a specified period of time, usually the first quarter of the year. The principal sources of benchmark data for the CES Program are tabulations of employment reported by establishments covered by the Massachusetts Employment Security Law and by Federal government agencies covered by Federal U.I. Law. These principal sources are supplemented for those nonagricultural jobs not covered by U.I. (e.g., religious, students employed by the institution attended).

Establishment. An establishment is an economic unit which produces goods or services, generally at a single physical location, and is engaged in only one type of activity.

Labor Force. The sum of the employed and unemployed living in the area (total employment plus total unemployment).

Total Employment. The count of persons, living in the area, who did any work at all, in any area, for pay or profit during the week of the month including the 12th or who had a job from which they were temporarily absent because of illness, vacation, labor dispute or other reasons which does not reflect a shortage of work.

Total Unemployment. The count of persons, living in the area, who did no work at all, in any area, during the week of the month including the 12th, but who were looking for work or awaiting recall from layoff or beginning a new job within the next 30 days.

Unemployment Rate. Unemployment expressed as a percent of the labor force.

Employment Review is published monthly by the DES Economic Research and Analysis Service in cooperation with the Bureau of Labor Statistics and the Employment and Training Administration.

Estimated Cost Per Copy: $0.0134

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COMMONWEALTH OF MASSACHUSETTS

Department of Employment and Training

33508-1
5/24/89

Employment Review

EMPLOYMENT SUPPLEMENT

This supplemental publication presents revised 1987 and 1988 employment statistics for nonagricultural wage and salary workers for Massachusetts and the eleven major labor market areas. These revisions are based on the 1988 benchmark, an annual adjustment to a more recent, comprehensive count of employment. This correction of the data series is to account for sample variability and other noneconomic changes. The primary source of benchmark information is the employment data received from establishments subject to the Massachusetts Employment Security Law and compiled by the ES 202 Program.

The data in this supplement, which are adjusted to March 1988 levels are being published for the first time. Information for 1988 will be subject to revision with the next benchmark, due to be completed in early 1990.

The characteristics of these statistical programs such as scope, concepts, survey methodology, sample design, and estimating techniques are described in Employment and Earnings (a monthly publication), Employment and Earnings, Annual Supplement and the BLS Handbook of Methods all published by the U.S. Department of Labor, Bureau of Labor Statistics.

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